



| Form PTO-1449  |    | U.S. Department of Commerce<br>Patent and Trademark Office |   |                 |      |      |         | Atty. Docket No.<br>2271/62289-Z    |          | Serial No.<br>10/601,301 |                            |                                     |          |
|--|----|--|---|-----------------|------|------|---------|-------------------------------------|----------|--------------------------|----------------------------|-------------------------------------|----------|
| <b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)  |    |  |   |                 |      |      |         | Applicant:<br>Seiji SARAYAMA et al. |          |                          |                            |                                     |          |
|  |    |  |   |                 |      |      |         | Filing Date:<br>June 13, 2003       |          | Group Art Unit:<br>2818  |                            |                                     |          |
| <b>U.S. PATENT DOCUMENTS</b>   |    |  |   |                 |      |      |         |                                     |          |                          |                            |                                     |          |
| Examiner Initial   |    | Document Number  |   |                 | Date |      | Name    |                                     | Class    | Subclass                 | Filing Date if Appropriate |                                     |          |
|  |    |  |   |                 |      |      |         |                                     |          |                          |                            |                                     |          |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |   |                 |      |      |         |                                     |          |                          |                            |                                     |          |
|  |    | Document Number  |   |                 |      | Date | Country | Class                               | Subclass | Translation              |                            |                                     |          |
|  |    |  |   |                 |      |      |         |                                     |          | Yes                      | No                         |                                     |          |
| TH   | JP | 50   | - | 1               | 4    | 9    | 2       | 7                                   | 0        | 11-29-1975               | Japan                      | <input checked="" type="checkbox"/> | X        |
| TH   | JP | 56   | - | 1               | 6    | 0    | 4       | 0                                   | 0        | 12-10-1981               | Japan                      | <input checked="" type="checkbox"/> | Abstract |
| TH   | JP | 11   | - | 0               | 8    | 7    | 8       | 5                                   | 0        | 3-30-1999                | Japan                      | <input checked="" type="checkbox"/> | Abstract |
|  |    |  |   |                 |      |      |         |                                     |          |                          |                            |                                     |          |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |    |  |   |                 |      |      |         |                                     |          |                          |                            |                                     |          |
| Japanese official action dated February 28, 2006      **   |    |  |   |                 |      |      |         |                                     |          |                          |                            |                                     |          |
| TH      Yamane, Hisanori, et al., "Morphology and characterization of GaN single crystals grown in a Na flux, Journal of Crystal Growth" (1998), 186, pp 8-12. |    |  |   |                 |      |      |         |                                     |          |                          |                            |                                     |          |
|  |    |  |   |                 |      |      |         |                                     |          |                          |                            |                                     |          |
| EXAMINER<br>/Tu Tu Ho/ (08/14/2006)  |    |  |   | DATE CONSIDERED |      |      |         | 08/14/2006                          |          |                          |                            |                                     |          |

**\*EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\* Not considered because it is not possible to consider, i.e.,  
the reference is not in English.